



A service of the National Library of Medicine  
and the National Institutes of Health

My NCBI  
[Sign In] [Re]

[All Databases](#)[PubMed](#)[Nucleotide](#)[Protein](#)[Genome](#)[Structure](#)[OMIM](#)[PMC](#)[Journals](#)[B](#)Search for [Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)[About Entrez](#)[Text Version](#)[Entrez PubMed](#)[Overview](#)[Help | FAQ](#)[Tutorials](#)[New/Noteworthy](#)[E-Utilities](#)[PubMed Services](#)[Journals Database](#)[MeSH Database](#)[Single Citation Matcher](#)[Batch Citation Matcher](#)[Clinical Queries](#)[Special Queries](#)[LinkOut](#)[My NCBI](#)[Related Resources](#)[Order Documents](#)[NLM Mobile](#)[NLM Catalog](#)[NLM Gateway](#)[TOXNET](#)[Consumer Health](#)[Clinical Alerts](#)[ClinicalTrials.gov](#)[PubMed Central](#) 1: [Shiwa Y.](#)[Related Articles](#), [Links](#) Competition of spiral-defect chaos and rolls in Rayleigh-Benard convection under shear flow.

Phys Rev E Stat Nonlin Soft Matter Phys. 2003 Feb;67(2 Pt 2):026306. Epub 2003 Feb 10.

PMID: 12636799 [PubMed]

 2: [Kurenkova N, Zienicke E, Thess A.](#)[Related Articles](#), [Links](#) Influence of the thermoelectric effect on the Rayleigh-Benard instability inside a magnetic field.

Phys Rev E Stat Nonlin Soft Matter Phys. 2001 Sep;64(3 Pt 2):036307. Epub 2001 Aug 30.

PMID: 11580447 [PubMed]

 3: [Jung D, Lucke M, Szpiroigner A.](#)[Related Articles](#), [Links](#) Influence of inlet and bulk noise on Rayleigh-Benard convection with lateral flow.

Phys Rev E Stat Nonlin Soft Matter Phys. 2001 May;63(5 Pt 2):056301. Epub 2001 Apr 11.

PMID: 11415000 [PubMed]

 4: [Xi Hw, Li Xj, Gunton JD.](#)[Related Articles](#), [Links](#) Phase turbulence in rayleigh-Benard convection

Phys Rev E Stat Phys Plasmas Relat Interdiscip Topics. 2000 Dec;62(6 Pt A):7909-17.

PMID: 11138074 [PubMed - as supplied by publisher]

Jun 14 2006 10:29:54

## WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Wednesday, June 21, 2006

<u>Hide?</u>	<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,DWPI; PLUR=YES; OP=ADJ</i>				
<input type="checkbox"/>	L1	10/678805		1
<input type="checkbox"/>	L2	L1		1
<input type="checkbox"/>	L3	11 and refrigeration device		1
<input type="checkbox"/>	L4	L3 and convection cell		1
<input type="checkbox"/>	L5	reaction vessel		116597
<input type="checkbox"/>	L6	L5 same heat source		463
<input type="checkbox"/>	L7	L6 and water bath		38
<input type="checkbox"/>	L8	L7 and refrigeration device		1
<input type="checkbox"/>	L9	L5 and convection cell		13
<input type="checkbox"/>	L10	L9 and cool\$		9
<input type="checkbox"/>	L11	L10 and heat\$		9
<input type="checkbox"/>	L12	L11 and top		7
<input type="checkbox"/>	L13	L12 and bottom		7
<input type="checkbox"/>	L14	rayleigh-benard		17
<input type="checkbox"/>	L15	L14 and convection cell		9
<input type="checkbox"/>	L16	10/038342 and reaction vessel		0
<input type="checkbox"/>	L17	10/038342 and (reaction near vessel)		0
<input type="checkbox"/>	L18	10/038342 and (reaction near vessel)		0
<input type="checkbox"/>	L19	10/038342 and (vessel)		1
<input type="checkbox"/>	L20	L19 and (heat\$ and cool\$)		1
<input type="checkbox"/>	L21	L20 and (top and bottom)		0
<input type="checkbox"/>	L22	((vessel or apparatus or device or chamber) same (heat source or heater or heat\$) same (cool\$ or collant))		298818
<input type="checkbox"/>	L23	L22 same reactant		11838
<input type="checkbox"/>	L24	L23 and ((bottom solution or bottom surface) and (top solution or top surface))		65
<input type="checkbox"/>	L25	10/678805		1
<input type="checkbox"/>	L26	L23 and (top solution and bottom solution)		0
<input type="checkbox"/>	L27	rayleigh-Benard covention cell		0
<input type="checkbox"/>	L28	convention cell		65
<input type="checkbox"/>	L29	convention\$ cell		5738

<input type="checkbox"/>	L30	L29 same (silicon same glass)	7
<input type="checkbox"/>	L31	L30 and (heat\$ and cool\$)	2
<input type="checkbox"/>	L32	L29 and L22	96
<input type="checkbox"/>	L33	L32 and L23	7
<input type="checkbox"/>	L34	L32 and (top and bottom)	43
<input type="checkbox"/>	L35	L32 and ((top near solution)and (bottom near solution))	0
<input type="checkbox"/>	L36	convection same flow field	126
<input type="checkbox"/>	L37	convection near flow field	11
<input type="checkbox"/>	L38	(l36 or l37) and (vessel apparatus)	0
<input type="checkbox"/>	L39	(L36 or L37) and (vessel or apparatus)	94
<input type="checkbox"/>	L40	L39 and (heat\$ and cool\$)	48
<input type="checkbox"/>	L41	L39 and (heat\$ and cool\$)	48
<input type="checkbox"/>	L42	L39 and (heat\$ and cool\$)	48
<input type="checkbox"/>	L43	L42 and (convection near cell)	1

END OF SEARCH HISTORY